

Notice of Allowability

Application No.

09/748,831

Examiner

VAN H. NGUYEN

Applicant(s)

HEISIG ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendments and supporting arguments filed 12/19/05.
2. ☒ The allowed claim(s) is/are 2-5, 11-13, and 15-19 (now renumbered as 1-12).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

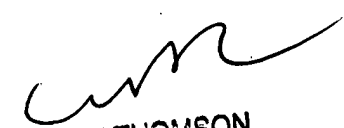
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE

I. EXAMINER'S AMENDMENT:

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. PAUL D. GREELEY (Reg. No. 31, 019) on March 3, 2006.

3. **The application has been amended as follows:**

In the Claims:

(a) Independent Claim 1, and dependent claims 10 and 14 have been cancelled.

(b) All previous copies of claims 2-5, 11-13, 15, 16, and 19 have been replaced with the following clean copy of claims 2-5, 11-13, 15, 16, and 19 as amended by the Examiner's amendment:

Claim 2. The computer system as defined in claim 17, in which the plurality of server objects relate to at least a video server and a web server.

Claim 3. The computer system as defined in claim 17, in which at least one of the workstations includes a web browser and a video player.

Claim 4. The computer system as defined in claim 17, in which the protocol adapter framework includes an HTTP adapter.

Claim 5. The computer system as defined in claim 17, in which the protocol adapter framework includes a video protocol adapter.

Claim 11. The computer system as defined in claim 17, wherein different ones of said server objects relate to specific, respective ones of said arbitrary protocols that are used by specific, respective object servers of said workstations to access corresponding ones of said server objects.

Art Unit: 2194

Claim 12. The computer system as defined in claim 17, wherein said method requests are for said services.

Claim 13. The computer system as defined in claim 17, wherein said services run in a first protocol in said object server container, and wherein said first protocol differs from said arbitrary protocols.

Claim 15. The computer system as defined in claim 17, wherein said transport protocol is selected from the group consisting of: an arbitrary protocol of the requesting client and a second protocol that differs from said arbitrary protocol of the requesting client.

Claim 16. The computer system as claimed in claim 17, wherein said services are selected from the group consisting of: socket communication service layer and recovery methods, character set translation, systems management, workload classification, differentiated service, process management and logging methods.

Claim 19. The computer system as defined in claim 17, wherein said services are accessible by said developer.

II. REASONS FOR ALLOWANCE:

1. The following is an examiner's statement of reasons for allowance:
2. Formal drawings filed on December 27, 2000 are acceptable.
3. The prior art does not expressly teach or render obvious the invention as recited in amended independent claim 17.
4. **Borst et al.** (U.S. 6,173,327) discloses a computer system coupled to work stations operated by remote clients comprising: an object server container that comprises a plurality of server objects relating to specific, respective object servers of the workstations; and a protocol adapter framework that provides access to the server objects from the remote clients, that comprises a plurality of protocol adapters, that supports one or more appropriate arbitrary protocols between the clients and the server objects, and that responds to client requests in the arbitrary protocols received via the protocol adapters to derive therefrom method requests on an object residing within at least one of the object server as described in independent claim 17 [see figs.5-6 and the accompanying text, beginning at col.7, line 40]. However, the claimed "*a developer of an application embodied by the server objects and methods to define one or more of the arbitrary protocols, which are different than the first protocols and the protocol adapter framework processes an output generated by one of the object servers in response to a client request for transport to the requesting client according to a transport protocol that is expected by the requesting client, wherein the transport protocol differs from an arbitrary protocol of the requesting client*", when taken in the context of the claims as a whole, was not uncovered in the prior art teachings.

Art Unit: 2194

5. Nor were references uncovered that would have provided a basis of evidence for asserting a motivation that one of ordinary skill level in the art at the time the invention was made, knowing of a system for providing access to objects and methods in an Object server in this specific environment, would have integrated or modified to teach the system for providing access to objects and methods in an Object server running on a computer system from a remote client via arbitrary protocols other than the Object server standard protocol including the features as recited in the context of independent claim 17.
6. Dependent claims are allowed as they depend upon allowable independent claims.
7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.

Art Unit: 2194

The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for patents
P O Box 1450
Alexandria, VA 22313-1450

VHN


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